INTELLINET
NETWORK SOLUTIONS
BRINGING NETWORKS TO LIFE

HomePlug Turbo Broadband Router

Model
550192

Enjoy high-speed Internet and DVD-quality video streaming over the power line in your home!

The INTELLINET NETWORK SOLUTIONS™ HomePlug Turbo Wireless Broadband Router allows you to create a high-speed network for your computers in your home or office. By communicating with a HomePlug Turbo Ethernet Bridge,* the HomePlug Turbo Ethernet Broadband Router extends your network to any room or area of your home, without the hassle and expense of running Cat5 network cable through the walls and into the attic or basement.

Easy to Install

Network your PCs and share the high-speed Internet connection using existing electrical outlets in your home of office. No need to drill holes in walls, pull cable through the attic or basement, or pay contractors to come and wire your home. Just plug the HomePlug Turbo Broadband Router into the wall and you've turned your entire home or office into a network infrastructure. Attach multiple computers to the network by plugging them into additional HomePlug Turbo Ethernet Bridges* that you can plug into any of the other electrical outlets in your home or office. Or use the HomePlug Turbo Ethernet Wireless G Access Point* to eliminate dead spots in your wireless network.

High Performance

The HomePlug Turbo Broadband Router complies with the HomePlug 1.0 Turbo standard, and provides a network connection speed of 85 Mbps. It automatically senses the speed of a wireless access point or computer device, and adjusts to accommodate 10 Mbps or 100 Mbps Ethernet devices.

Cost Effective

Because there is no special wiring required, the HomePlug Turbo Broadband Router can be installed with minimum expense. The four built-in RJ-45 ports also allow you to turn any AC outlet into a four-port LAN switch.

Secure

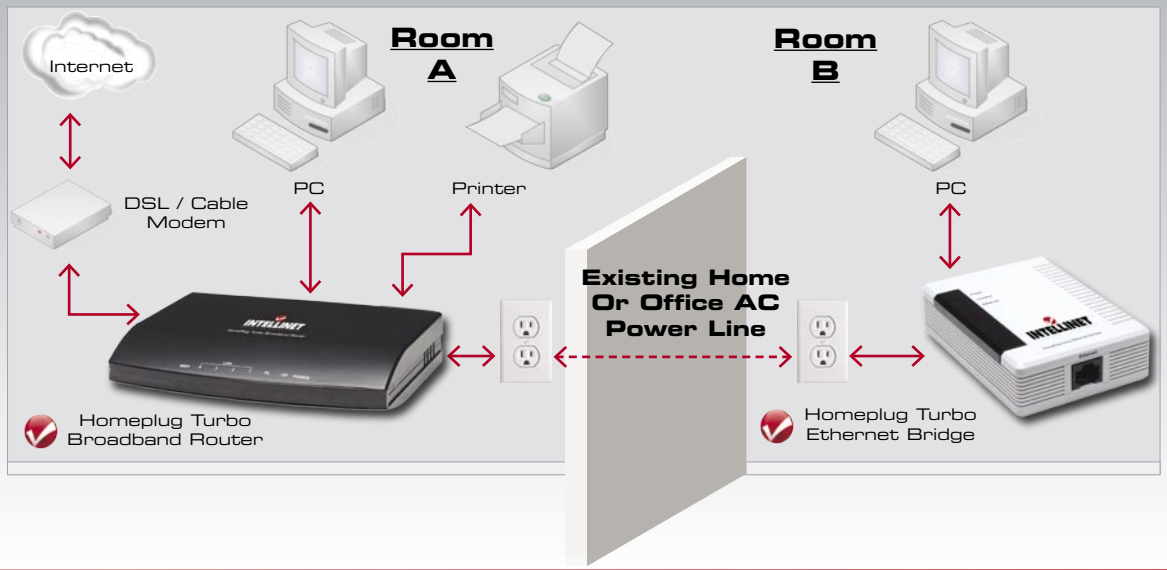
Just because your data is running through the AC power line network, don't think it isn't secure. The HomePlug Turbo Broadband Router uses 56-bit encryption to protect your data as it is routed through the AC power lines in your home or office.

Lifetime Warranty

Strict manufacturing standards ensure the highest quality in all INTELLINET NETWORK SOLUTIONS products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.

LIFETIME WARRANTY

* Contact your INTELLINET NETWORK SOLUTIONS reseller for ordering information



LIFETIME WARRANTY

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Features

- Broadband router using the AC power line as the network backbone
- HomePlug 1.0 Turbo compliant, 85 Mbps link speed
- Integrated 10/100 Mbps LAN switch with Auto MDI/MDI-X support
- Range up to 200 m (600 ft.) over the power line
- Orthogonal frequency division multiplexing (OFDM) technology with patented signal processing techniques for high data reliability in noisy media conditions
- DHCP server assigns IP addresses for all LAN users
- Supports Virtual Server, port forwarding and DMZ (demilitarized zone)
- Supports DDNS (dynamic DNS)
- VPN client (L2TP, PPTP): Connects the local network via a VPN connection to a remote VPN server
- Remote management function (enable/disable, management port and IP address adjustable)
- Easy installation through Web-based user interface
- Firmware updates via Web-based user interface
- Lifetime Warranty

Specifications

STANDARDS
- HomePlug 1.0 Turbo
- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)

GENERAL
- LAN ports: 4 RJ-45 10/100 Mbps data ports
- LAN ports with Auto MDI/MDI-X
- LAN to WAN throughput: 90 Mbps
- Supported WAN connection types:
  - Dynamic IP (DHCP for cable service)
  - Static IP
  - PPPoE (for DSL)
  - PPTP VPN
  - L2TP VPN
- Protocols:
  - TCP/IP
  - UDP
  - ICMP
  - PPPoE
  - NTP
  - NAT (network address translation)
  - NAPT (network address and port translation)
- Operation modes:
  - NAT Router
  - Bridge
- NAT:
  - Virtual Server
  - Port forwarding
  - Special applications (port trigger)
  - DMZ (demilitarized zone)
- Firewall:
  - Access control based on MAC address
  - Domain blocking
  - URL filter
- Supports UPNP (Universal Plug and Play)
- Supports DHCP (client/server)
- Supports PPPoE (DSL), DHCP (cable) and static IP
- Supports VPN PPTP pass-through
- Certifications: FCC Class B, CE Mark, RoHS

POWER LINE
- Link speed: up to 85 Mbps
- Effective throughput: up to 35 Mbps
- Chipset: Intellon 5500A
- Security: 56-bit DES link encryption
- Modulation technologies:
  - Orthogonal frequency division multiplexing (OFDM)
  - QAM 256/64/16, DQPSK, DBPSK and ROBO modulation schemes
- Distance support: up to 200 m (600 ft.)

LEDs
- Power
- OP (operational status)
- Power Line Link/Act
- WAN Link/Act
- LAN 1-4 Link/Act

ENVIRONMENTAL
- Dimensions: 160 (W) x 140 (L) x 33 (H) mm (5 x 3.5 x 1.1 in.)
- Weight: 700 g (1.5 lbs.)
- Operating temperature: 0 – 55°C (32 – 122°F)
- Operating humidity: 10 – 95% RH, non-condensing
- Storage temperature: 0 – 60°C (0 – 149°F)

POWER
- Via 110/220 V AC power outlet

PACKAGE CONTENTS
- HomePlug Turbo Broadband Router
- User manual
- Power cord
- Ethernet Cat5 RJ-45 cable, 2 m (6 ft.)

For more information on INTELLINET NETWORK SOLUTIONS products, consult your local dealer or visit **www.intellinet-network.com**.

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